Amendment Dated: November 21, 2006

Reply to Office Action Mailed: October 6, 2006

Attorney Docket No. 038738.49355US (Formerly 225/49355)

**REMARKS** 

Claims 1 and 6 have been rejected under 35 U.S.C. § 103(a) as

unpatentable over Hosken (U.S. Patent No. 4,265,002) in view of Poupitch (U.S.

Patent No. 2,650,516). In addition, Claims 3 and 4 have been rejected under 35

U.S.C. § 103(a) as unpatentable over the same two references and further in view

of Hall (U.S. Patent No. 2,419,134) and Claims 5 and 8-10 have been rejected

over Hosken, Poupitch and Hall, and further in view of Le (U.S. Patent No.

4,789,287). However, for the reasons set forth hereinafter, Applicants

respectfully submit that all claims which remain of record in this application,

including new Claims 11-13, distinguish over the cited references, whether

considered separately or in combination.

The primary Hosken reference discloses a magnetic fastening

arrangement, of the type such as might be used, for example, in place of a button

or "snap" for holding the flap of a shirt or a purse in place. For this purpose, as

best seen in Figures 2 and 3, the fastener arrangement according to Hosken

includes upper and lower fastening members 6, 8, one of which is attached to

each "flap" (that is, the two pieces of material which are to be fastened together)

by means of a thermal plastic strip 2, 4 (presumably for strengthening). Each of

the upper and lower fastening members 6, 8 comprises a thermal plastic

supporting cup 10, 34 which includes an annular magnet 30, 52.

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The upper fastening member 6 includes a ferromagnetic plate 20 which

has a ferromagnetic post 26 projecting downward therefrom. Correspondingly,

the lower fastening member 8 also has such a ferromagnetic plate 43. In order to

fasten the two flaps together, as shown sequentially in Figures 2 and 3, the post

26 is inserted into the central opening in the annular magnet 52 so that it is

drawn into engagement with the surface 44 of the lower plate 43, thereby

holding the upper and lower fastening members 6 and 8 together. (See Column

5, lines 3-16.)

An important aspect of the Hosken reference is that it discloses a device

simply for holding two fabric flaps or the like together, and is not suitable for

determining the location of a hole in a metallic component or body part, such as

disclosed and claimed in the present application. More particularly, ease of

fastening is an important feature of the apparatus. Thus, as noted at Column 3,

lines 44-47, the ferromagnetic post 26 has a cross sectional area that is smaller

than the area defined by the apertures 5 and 9 through which it must fit. As a

result of this arrangement, as can be seen in Figure 3, there is considerable play

between the post 26 and the sides of the holes 5, 9 as well as the inner radius of

the annular magnets 52 and 30. Thus, as noted in the specification at Column 5,

lines 10-15, if the person attempting to fasten the two flaps together fails to

engage the aperture 9 in the central opening in the magnet 52, an easy

adjustment will suffice, because the alignment between the post and the holes

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"need only be approximate to result in an appropriate engagement". (Column 5,

lines 13-14.)

This feature of the invention, which makes it particularly advantageous

and easy to use as a connector, renders the Hosken apparatus unsuitable for use

in locating a hole in a metallic part. In this regard, the Office Action states at

item 8 on page 5 that placement of the device on the article, by virtue of its

existence, determines the position of the hole. However, due to the intentional

provision of a significant amount of play between the post 26 and the holes 5, 9

in Hosken, a person skilled in the art would not utilize this arrangement for the

purpose of locating holes in the manner claimed in the present application, due

to its inherent and intentional imprecision.

A second feature of the present invention which is also missing in Hosken

is contained in the last paragraph of independent Claims 1, 10 and 11. In

particular, these claims further specify that with the spike fitted into the hole

whose location is to be determined, the magnetic attachment means holds the

spike in the hole by magnetic attraction forces between the magnetic attaching

means and the body part. The present invention is thus simpler and less costly

than the Hosken fastening arrangement, which requires a second set of magnets

and a second fastening member 8, in order to fasten the two parts together.

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The Poupitch reference, on the other hand, discloses a "dash liner clip" of the type which is used to secure articles to the floor or dash panel of a vehicle. For this purpose, the dash liner clip according to Poupitch has a series of protuberances or teeth 38 arranged on a shaft, such that when the shaft is inserted into a hole, the protuberances or teeth lock it in place. It is important to note in this regard that the purpose of the dash liner clip in Poupitch is to permanently fix parts together. Thus, the specification indicates at Column 1, lines 36-37 and Column 3, lines 29-30 that the fastener according to the invention must be capable of withstanding relatively great shear forces. addition, at Column 4, lines 27-30, the specification further states that once inserted in the workpiece assembly, the dash liner clip "locks itself in position and cannot be removed without application of considerable force thereto". On the other hand, the purpose of the Hosken apparatus is to provide a fastener which can easily be undone, to take the place of a button or snap. Accordingly, a person skilled in the art would not look to Poupitch for the purpose of modifying the Hosken apparatus. Moreover, were the Hosken device modified, such as might be suggested by Poupitch, in order to make the post 26 fit snuggly within the annular opening in the magnets 30 and 52, such modification would frustrate the objective of Hosken providing a fastener which has sufficient play in order to make it easily connected. A person skilled in the art would therefore not be motivated to modify Hosken in this manner.

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Even more to the point, the Poupitch reference also fails to teach or

suggest the features recited in the final paragraph of Claims 1, 10 and 11, in

which the magnetic attaching means holds the spike in the hole by means of

magnetic attraction forces between the magnetic attaching means and the body

part or other metallic component.

The Hall reference, on the other hand, has been cited as disclosing a

locator which is utilizable in forming metal articles with a shell section with

interior screw threads for accepting a threaded connector to secure the shell to

the connector. Accordingly, like Poupitch, it also fails to teach or suggest a

modification of Hosken such as would replicate the two features referred to

above, which are missing in Hosken. Moreover, to the extent that Figure 2 in

Hall discloses an arrangement in which the stem 4 of the locator fits snuggly

within the sides of the hole, the same comments made with regard to Poupitch

also apply to Hall. That is, any such modification of Hosken would clearly have a

detrimental effect on its operation. Therefore, a person skilled in the art would

not do so.

Finally, the Le patent has been cited as disclosing a through bolt with an

asymmetric head to allow fastening in otherwise inaccessible locations. Insofar

as Applicants have been able to determine, nothing contained in Le supplies

those features of the invention, discussed previously, which are missing in

Hosken, Poupitch and Hall.

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For the foregoing reasons, Applicants respectfully submit that all claims

which remain of record in this application distinguish over the cited references

and are allowable.

In light of the foregoing remarks, this application should be in condition

for allowance, and early passage of this case to issue is respectfully requested. If

there are any questions regarding this amendment or the application in general,

a telephone call to the undersigned would be appreciated since this should

expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as

a petition for an Extension of Time sufficient to effect a timely response, and

please charge any deficiency in fees or credit any overpayments to Deposit

Account No. 05-1323 (Docket #038738.49355).

Respectfully submitted,

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